



PRODUCT STANDARD
SWITCHGEAR ENGINEERING DIVISION

SG 12202

PAGE 1 OF 1

SPECIFICATION FOR DIGITAL TAP POSITION INDICATOR

1.0 SCOPE :-

This standard covers specification and acceptance norms for Digital Tap Position Indicators used in Remote Tap Changer Control Panels.

2.0 SPECIFICATION :-

Range : 0 to 35 Positions

Display : 2 digit, 7 segment red LED

Display size : 0.5" minimum.

Input : Resistance variation

Input change per position : 1 KILO – Ohm.

Supply Voltage : 110 V AC, 50 Hz.

Measurement system : 3 wire using I/2I constant current sources

Calibration : Knob required on front.

Dimensions : 96 mm (H) * 96 mm (W).

Mounting : Flush mounting type

Panel cutout : 92 mm (H) * 92 mm (W)

Operating Ambient Temperature : 0 to 50 Deg. C

3.0 TESTS AS PER RELEVANT IS/IEC STANDARDS INCLUDING :-

- (1) Power frequency at 2 KV for 1 minute..
- (2) Insulation resistance (Not less than 10 Mega Ohms).
- (3) Calibration and functional tests.

4.0 ACCEPTANCE CRITERIA :-

- (1) Routine test reports furnished alongwith the consignment to be examined.
- (2) 100% visual check.
- (3) Rating plate to be verified as per sepcification.

COPYRIGHT AND CONFIDENTIAL

The information on this document is the property of Bharat Heavy Electricals Limited
It must not be used directly or indirectly in any way detrimental to interest of Co.

REV.		PRINTS TO :-	APPROVED –		
ALTD.		CRP	R. K. SHUKLA		
APPD.		CEG	PREPARED	ISSUED	DATE
DATE.		CP PLNG 11KV PLNG	PKU	RKK	31.03.01